

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

LOCKED NUCLEIC ACID HYBRIDS AND METHODS OF USE

the specification of which

(Check one) is attached hereto
 was filed on 4/21/00 as
 Application Serial No. _____
 and was amended on _____
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Claimed	
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

60/130,345

4/21/99

(Provisional Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
		(Status)

I hereby appoint, for the benefit of and as agent for the Assignee of this application and to my exclusion if there is now or hereafter such an Assignee:
Harold C. Hohbach, Reg. No. 17,757; Aldo J. Test, Reg. No. 18,048; Thomas O. Herbert, Reg. No. 18,612; Donald N. MacIntosh, Reg. No. 20,316; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Richard E. Backus, Reg. No. 22,701; James A. Sheridan, Reg. No. 25,435; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Steven F. Caserza, Reg. No. 29,780; Michael A. Kaufman, Reg. No. 32,988; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 35,050; Stephen M. Knauer, Reg. No. 38,208; Robin M. Silva, Reg. No. 38,304; David C. Ashby, Reg. No. 36,432; Maria S. Swiatek, Reg. No. 37,244; Dolly A. Vance, Reg. No. 39,054; attorneys and agents with full power of substitution and revocation to prosecute the above-identified application for Letters Patent and to transact all business in the Patent Office connected therewith, provided that if any one of said attorneys ceases being affiliated with the law firm of Flehr, Hohbach, Test, Albritton & Herbert as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Direct all telephone calls to Robin M. Silva at (415) 781-1989.
Address all correspondence to:

FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP
Suite 3400, Four Embarcadero Center
San Francisco, California 94111

File No. A-68112-1/RFT/RMS/DSS

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:

Boris Belotserkovskii

Inventor's signature:

B

Date:

00.4.27

Residence:

Mountain View, California

Citizenship:

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Post Office Address:

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Mountain View, CA 94040

Full name of second joint inventor, if any:

Gurucharan Reddy

Inventor's signature:

G. Reddy

Date:

4-27-2000

Residence:

Fremont, California

Citizenship:

US

Post Office Address:

4572 Celia Court
Fremont, CA 94555

Full name of fourth joint inventor, if any:

David A. Zarling

4-27-2000

Inventor's signature:

David A. Zarling

Date:

4-27-2000

Residence:

Menlo Park, California

Citizenship:

US

Post Office Address:

1095 Colby Avenue
Menlo Park, CA 94025

POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in application for letters patent entitled:

LOCKED NUCLEIC ACID HYBRIDS AND METHODS OF USE

and having the named inventors:

Boris Belotserkovskii, Gurucharan Reddy, David A. Zarling

and described in

the specification filed
 application serial no. 09/557,423 filed 4/21/00
 patent no. issued

hereby appoints the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 1.32:
Harold C. Hohbach, Reg. No. 17,757; Aldo J. Test, Reg. No. 18,048; Thomas O. Herbert, Reg. No. 18,612; Donald N. MacIntosh, Reg. No. 20,316; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Richard E. Backus, Reg. No. 22,701; James A. Sheridan, Reg. No. 25,435; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Steven F. Caserza, Reg. No. 29,780; Michael A. Kaufman, Reg. No. 32,988; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 35,050; Stephen M. Knauer, Reg. No. 38,208; Robin M. Silva, Reg. No. 38,304; David C. Ashby, Reg. No. 36,432; Maria S. Swiatek, Reg. No. 37,244; Dolly A. Vance, Reg. No. 39,054; provided that if any one of said attorneys ceases being affiliated with the law firm of Flehr, Hohbach, Test, Albritton & Herbert as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

In accordance with 37 CFR 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

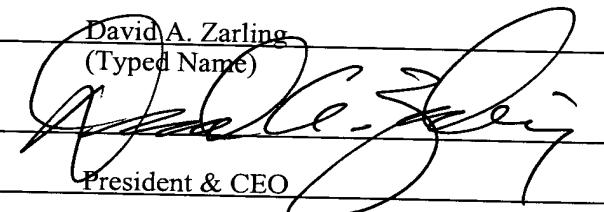
Direct all telephone calls to Robin M. Silva at (415) 781-1989.

Address all correspondence to:

FLEHR HOHBACH TEST
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Suite 3400, Four Embarcadero Center
San Francisco, California 94111

Assignee: Pangene Corporation

By: David A. Zarling
(Typed Name)

Signature: 

Title: President & CEO

Address: 2375 Garcia Avenue

Mountain View, CA 94043

Date

4-27-2000

File No.

A-68112-1/RMS/DSS

[1016435]



Serial No.: 08/742,376
Filing Date: November 1, 1996



COPY

The Commissioner is hereby authorized to charge \$3,702 to account No. 06-1300 (Order No. A-67933-1/RFT/RMS/BCT) in payment of the outstanding filing fees and late surcharge for completing the above-referenced application. It is believed that no other fees are due at this time. If the Commissioner determines otherwise, he authorized to charge any additional fees, including any extension fees, which may be required to account No. 06-1300 (Order No. A-67933-1/RFT/RMS/BCT). A copy of this sheet is enclosed herewith for accounting purposes.

It is believed that submission of the above serves to fully comply with the requirements of the outstanding Notice to File Missing Parts Of Nonprovisional Application.

Respectfully submitted,

FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP



Brian T. Clarke (Reg. No. 45,552) for
Robin M. Silva (Reg. No. 38,304)

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